

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--|------------------|---------|------------------|
| L1 | 11366 | 257/81,99,177-181,584,625,675,688,689, 704-707,712,722,796.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:07 |
| L2 | 5243 | 1 and (slug ((heat thermal) near (sink spreader dissipat\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:45 |
| L3 | 1130 | 2 and ((cavity recess groove open\$3 hols\$1) with (chip die)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:12 |
| L4 | 1020 | 2 and ((cavity reccess groove open\$3 hol\$1) with (chip die)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:13 |
| L5 | 1315 | 2 and ((cavity recess groove open\$3 hole\$1) with (chip die)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:13 |
| L6 | 123 | 2 and ((cavity reccess groove open\$3 hole\$1) with (chip die) with thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:33 |
| L7 | 419 | 2 and ((cavity reccess groove open\$3 hole\$1) same (chip die) same thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:38 |
| L8 | 2 | 7 and ((downset near leg\$1) same (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:37 |
| L9 | 2 | 7 and (downset near leg\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:47 |

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| L10 | 469 | 2 and ((cavity recess groove open\$3 hole\$1) same (chip die) same (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:45 |
| L11 | 145 | 10 and (corner\$1 notch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:46 |
| L12 | 227823 | (slug ((heat thermal) near (sink spreader dissipat\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:27 |
| L13 | 5725 | 12 and ((cavity recess groove open\$3 hole\$1) same (chip die) same (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:46 |
| L14 | 1827 | 13 and (corner\$1 notch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:46 |
| L15 | 6078 | 12 and ((cavity recess groove open\$3 hole\$1) same (chip die) same (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:52 |
| L16 | 1934 | 15 and (corner\$1 notch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:56 |
| L17 | 3 | 16 and (downset near leg\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:47 |
| L18 | 24 | 16 and downset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:56 |

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| L19 | 13 | 15 and ((corner\$1 notch\$2) same downset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:53 |
| L20 | 24701 | 12 and ((cavity recess groove open\$3 hole\$1) and (chip die) and (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:54 |
| L21 | 23 | 20 and ((corner\$1 notch\$2) same downset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:55 |
| L22 | 69790 | ((cavity recess groove open\$3 hole\$1) same (chip die) same (depth thick\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:21 |
| L23 | 17 | 22 and ((corner\$1 notch\$2) same downset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:55 |
| L24 | 18007 | 22 and (corner\$1 notch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:22 |
| L25 | 35 | 24 and downset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:22 |
| L26 | 6418 | 438/22,24,117,122-127.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:15 |
| L27 | 4643 | 26 and (cavity recess groove open\$3 hole\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:22 |

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| L28 | 917 | 27 and (corner\$1 notch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:22 |
| L29 | 19 | 28 and downset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:23 |
| L30 | 9 | ("4748538" "5949137" "6191360" "6271058" "6462410" "6483169" "6512675" "6525420" "6538320").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/05 13:24 |
| L31 | 0 | (slug ((heat thermal) near (sink spreader dissipat\$3))) AND (rectangular NEAR shape) AND surface\$1 AND (notch\$2 corner\$1) AND (three NEAR downset NEAR leg\$1) AND (cavity recess\$2 groove open\$3 hole\$1) AND (chip die) AND (depth thick\$4).CLM. | US-PGPUB; USPAT | OR | ON | 2005/10/05 13:31 |
| L32 | 0 | (slug ((heat thermal) near (sink spreader dissipat\$3))) AND surface\$1 AND (notch\$2 corner\$1) AND (three NEAR downset NEAR leg\$1) AND (cavity recess\$2 groove open\$3 hole\$1) AND (chip die) AND (depth thick\$4).CLM. | US-PGPUB; USPAT | OR | ON | 2005/10/05 13:31 |
| L33 | 0 | (slug ((heat thermal) near (sink spreader dissipat\$3))) AND (rectangular NEAR shape) AND surface\$1 AND (notch\$2 corner\$1) AND (three NEAR downset) AND (cavity recess\$2 groove open\$3 hole\$1) AND (chip die) AND (depth thick\$4).CLM. | US-PGPUB; USPAT | OR | ON | 2005/10/05 13:32 |